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## FACSIMILE

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TO	NAME <u>Examiner Leung</u>	DATE <u>June 11, 2003</u>
	<u>U.S. Patent &amp; Trademark Office</u>	FAX # <u>703-746-4854</u>
	COMPANY/FIRM	<u>703-412-3525</u>
	NUMBER OF PAGES INCLUDING COVER: <u>2</u>	CONFIRM FAX: <input type="checkbox"/> YES <input type="checkbox"/> NO
FROM	NAME <u>Thomas Barnes</u>	<u>236965US8</u>
	<u>703-412-3525</u>	OUR REFERENCE
	DIRECT PHONE #	<u>09/750,504</u>
		YOUR REFERENCE

## MESSAGE

This is an unofficial copy of a non-fily document  
Ex Leung.

PLS call me to confirm  
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and indicate interview  
time and day.

Thank you.

Thomas  
Barnes  
52,525

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**PROPOSED ITINERARY FOR INTERVIEW IN US 09/750,504**

**Attendees:** Thomas Barnes (applicant representative), Brad Lytle (applicant representative), and Ken Yamamoto (assignee representative)

**Proposed Dates:** anytime the week of June 16, 2003, except June 16, June 20, and June 18 from 2-4pm; June 19 from 11-noon.

**Points of interest:**

- 1.) Discuss the importance of the claimed embodiment that the claimed undoped spacer semiconductor layer is in contact with both the claimed cladding layer and the optical confinement layer, especially with respect to the USP'774 reference. Discuss differences between claimed spacer layer's relative position in the claimed structure and layer 41<sub>1</sub>'s relative position in the structure according to USP'774. Discuss possible amendments that further specify the intended relative position of the claimed spacer layer.
- 2.) Discuss the importance of a super lattice structure being present in the claimed spacer layer. Propose claim amendments to the claims, including new claims reciting this embodiment.
- 3.) Discuss the importance of the claimed undoped spacer layer having a thickness which is less than the thickness of the claimed cladding layer, especially with respect to the USP'491 reference. Discuss the possibility that the USP'491 reference teaches away from a undoped spacer layer having a thickness which is less than the thickness of a cladding layer. Further, discuss the possibility that the USP'491 reference teaches away from the claimed invention by disclosing a structure which is intended to be a photo-pumped structure (i.e. Fig 1), not electrically, because the photo pumped structure disclosed in USP'491 would be irreparably harmed by the presence of such electrodes inherently by the definition of a photo pumped structure.